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jc639 U.S. PTO

Attorney Docket No. 328 P 603

PATENT

jc978 U.S. PTO  
09/893302  
06/27/01

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In Re U.S. Utility Patent Application of:  
Matthew P. Wenger, Peter K.  
Loeppert, Sally L. Liu, and  
Bradley F. Olsen

For: MICROPHONE SYSTEM FOR  
IN-CAR AUDIO PICKUP

Mailed: June 27, 2001

Certificate of Express Mailing

I hereby certify that this patent application and associated transmittal documents and fees are being deposited with the United States Postal Service with sufficient postage as Express Mail, Post Office to Addressee, in an envelope addressed to: Assistant Commissioner for Patents, BOX PATENT APPLICATION, Washington, D.C. 20231.

*Matthew P. Wenger*  
Signature of Person Making Deposit

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PATENT APPLICATION TRANSMITTAL

BOX PATENT APPLICATION  
Commissioner for Patents  
Washington, D.C. 20231

Dear Sir:

Enclosed are the following documents:

- ☒ Specification, Claims and Abstract  
☒ 3 Sheets of Informal Drawings (Figures 1-3).  
☐ Declaration and Power of Attorney.

The filing fee has been calculated as shown below:

			Small Entity		or	Other Than A Small Entity	
For:	No. Filed	No. Extra	Rate	Fee		Rate	Fee
Basic Fee				\$ 355	or		\$ 710
Total Claims	68 - 20 =	48	x 9 =	\$	or	x 18 =	\$ 864
Indep. Claims	6 - 3 =	3	x40 =	\$	or	x 80 =	\$ 240
<input type="checkbox"/> First Presentation of Multiple Dependent Claim			x135 =	\$ 0	or	x270 =	\$ 0
			Total	\$	or	Total	\$ 1,814

The filing fee will be submitted in response to the Notice to File Missing Parts of Application.

The Commissioner is hereby authorized to charge payment of the following fees associated with this communication or credit any overpayment to Deposit Account No. 23-0280. A duplicate copy of this sheet is attached.

- Any additional filing fees under 37 C.F.R. § 1.16.
- Any patent application processing fees under 37 C.F.R. § 1.17.

Respectfully submitted,

Date: June 27, 2001

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jlg (125328.1)

Figure 1 consists of 12 histograms arranged in a single row. Each histogram represents the distribution of the number of non-zero elements in the vector  $x$  for a specific value of  $n$ , ranging from 10 to 120 in increments of 10. The x-axis for all histograms is labeled 'x' and ranges from 0 to 120. The y-axis is labeled 'count' and ranges from 0 to 100. As  $n$  increases, the distribution of  $x$  becomes more concentrated around zero, with the peak count increasing significantly.